

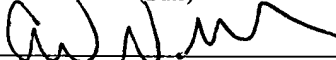
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Anderson et al.
App. No. : 10/601,305
Filed : June 19, 2003
For : IDENTIFICATION OF A
RECEPTOR CONTROLLING
MIGRATION AND
METASTASIS OF SKIN
CANCER CELLS
Examiner : Unknown
Group Art Unit : 1646

I hereby certify that this correspondence and all marked attachments are being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on

February 5, 2004

(Date)


Andrew N. Merickel, Reg. No. 53,317

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

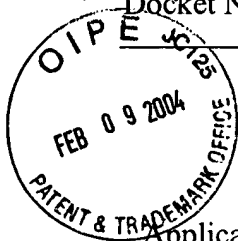
Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with nineteen (19) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.



Andrew N. Merickel
Registration No. 53,317
Attorney of Record
Customer No. 20,995
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**INFORMATION DISCLOSURE STATEMENT**

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Examiner : Unknown
Group Art Unit : 1646

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing 19 references that are also enclosed.

This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: February 5, 2004

By: 

Andrew N. Merickel
Registration No. 53,317
Attorney of Record
Customer No. 20,995
(415) 954-4114

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
CALTE.015AAPPLICATION NO.
10/601,305INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
Anderson et al.FILING DATE
June 19, 2003GROUP
1646

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1	5,681,860	10/28/97	Fisher et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	2	WO 01/16159	03/08/01	PCT				
	3	WO 01/19983	03/22/01	PCT				
	4	WO 01/36471	05/25/01	PCT				
	5	WO 01/48015	07/05/01	PCT				
	6	WO 01/48189	07/05/01	PCT/JP				
	7	WO 01/72838	10/04/01	PCT				
	8	WO 01/85791	11/15/01	PCT				
	9	WO 01/98351	12/27/01	PCT				
	10	WO 01/36473	05/25/01	PCT				

EXAMINER
INITIAL

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

	11	Kotani et al., "The Metastasis Suppressor Gene KiSS-1 Encoded Kisspeptins, the Natural Ligands of the Orphan G Protein-coupled Receptor GRP54," The Journal of Biological Chemistry, Vol. 276, No. 37, pp. 34631-34626, (2001)
	12	Andalib et al., "Correlation of lung colonization ability of Melanoma cell lines in SCID mice with MHC class 1 and ICAM-1 expression," Irn J. Med Sci, 23(1&2): 53; (1998)
	13	Bagi, "Cancer cell metastases," J Musculoskel Neuron Interact; 2(6): 565-566 (2002)
	14	Satyamoorthy et al., "Insulin-like growth factor-I-induced migration of melanoma cells is mediated by Interleukin-8 induction," Cell Growth and Differentiation; Vol 13, pp. 87-93, (2002)
	15	Dong et al., "A Diverse Family of GPCRs Expressed in Specific Subsets of Nociceptive Sensory Neurons," Cell 106, pp. 619-632 (2001)
	16	Han et al., "Orphan G protein-coupled receptors MrgA1 and MrgC11 are distinctively activated by RF-amide-related peptides through the $G_{\alpha_{q11}}$ pathway " Proc. Natl. Acad. Sci. USA 99, pp. 14740-14745, (2002)
	17	Ohtaki et al., "Metastasis supressor gene KiSS-1 encodes peptide ligand of a G-protein-coupled receptor, " Nature 411, pp. 613-617 (2001)
	18	Hsu et al., "Melanoma: The Wistar Melanoma (WM) Cell Line," Human Cell Culture, Vol. 1, pp. 259-274 (1999)
	19	Hori et al, "Metastin Suppreeses the Motility and Growth of CHO Cells Transfected with Its Receptor," Biochem. Biophys. Res. Comm., Vol. 286, pp.958-963 (2001)

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EXAMINER

DATE CONSIDERED

*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.